



Docket No. 3053-4086US1 (D0018NP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): C.D. WEAVER et al.

Group Art Unit: To be assigned

Serial No.: 09/900,627

Examiner: To be assigned

Filed: July 6, 2001

For: ELECTROPHYSIOLOGY CONFIGURATION SUITABLE FOR HIGH
THROUGHPUT SCREENING OF COMPOUNDS FOR DRUG DISCOVERY

TRANSMITTAL OF INFORMATION UNDER 37 C.F.R. §§ 1.56, 1.97, AND 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is/are the following items under 37 C.F.R. §§ 1.56, 1.97, and 1.98 in the above-identified application:

1. Form PTO-1449, 2 pages;
2. Information Disclosure Statement (IDS), 1 page;
3. Copies of 24 IDS References;
4. Express Mail Certificate, 1 page; and
5. Return Postcard.

The material listed on the accompanying Form PTO-1449 is provided in compliance with the provisions of 37 C.F.R. §§ 1.56, 1.97, and 1.98. As to any material supplied, Applicants do not admit that the material is prior art under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to antedate any such material as by a showing under 37 C.F.R. § 1.131, or any other method. Applicants submit that none of the listed materials derogate from the patentability of the invention as described and claimed in the subject application.

The Commissioner is hereby authorized to charge any fees which may be required by this paper, or credit any overpayment to Deposit Account No. 13-4500, Order No. 3053-4086US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Dated: October 1, 2001

By: 

Caryn DeHoratius
Registration No. 45,881

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

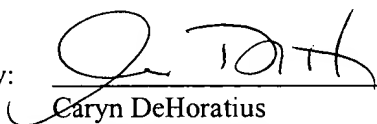
Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were filed in related application U.S. Serial No(s) _____, filed _____, respectively.

- ☐ This document is being filed within three (3) months of the filing date of the application.
- ☐ Please charge the \$180 fee to Deposit Account No. 13-4500, Order No. _____.
- ☐ This document is being concurrently filed with the above-identified application.
- ☐ This document is being concurrently filed with an Request for Continued Examination (RCE).
- ☒ This document is being filed prior to a first Office Action on the merits.
- ☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 3053-4086US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

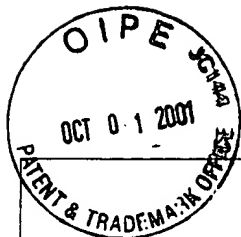
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FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
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09/900,627Applicant:
C.D. WEAVER et al.Filing Date:
July 6, 2001Group Art Unit:
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U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
1	6,063,260	05/16/2000	Olesen et al.	G01N	27/33	04/25/1997
2	6,048,722	04/11/2000	Farb et al.	C12M	3/00	07/07/1997

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Country	Class	Sub-Class	Translation
3	WO 99/66329	12/23/1999	International	G01N	33/543	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4	WO 00/34776	06/15/2000	International	G01N	33/487	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	WO 98/50791	11/12/1998	International	G01N	33/483	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6	WO 96/13721	05/09/1996	International	G01N	33/487	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7	WO 01/25769	04/12/2001	International	G01N	27/00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8	WO 99/31503	06/24/1999	International	G01N	33/487	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9	WO 99/64559	12/16/1999	International	C12M		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10	WO 01/27614	04/19/2001	International	G01N	33/487	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11	WO 00/71742	11/30/2000	International	C12Q	1/00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
12	WO 99/19729	04/22/1999	International	G01N	33/487	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

OTHER DOCUMENTS (continued)

13	G. Smant et al., 1998, "Endogenous cellulases in animals: isolation of β -1,4-endoglucanase genes from two species of plant-parasitic cyst nematodes" <i>Proc. Natl. Acad. Sci. USA</i> 95 :4906-4911.
14	F. Nicol et al., 1998, "A plasma membrane-bound putative endo-1,4- β -D-glucanase is required for normal wall assembly and cell elongation in <i>Arabidopsis</i> " <i>EMBO J.</i> 17 :5563-5576.
15	K. Masuda et al., 1999, "cDNA cloning and characterization of guinea-pig leukotriene B ₄ receptor" <i>Biochem. J.</i> 342 :79-85.
16	K. Lollike and M. Lindau, 1999, "Membrane capacitance techniques to monitor granule exocytosis in neutrophils" <i>J. Immunol. Methods</i> 232 :111-120.
17	N. Dascal, 1997, "Signalling via the G protein-activated K ⁺ channels" <i>Cell. Signal.</i> 9 :551-573.
18	J. Bauer, 1999, "Advances in cell separation: recent developments in counterflow centrifugal elutriation and continuous flow cell separation" <i>J. Chromatog. B</i> 722 :55-69.
19	T. Iwata et al., 1999, "Structure and enzymatic degradation of poly(3-hydroxybutyrate) copolymer single crystals with an extracellular PHB depolymerase from <i>Alcaligenes faecalis</i> T1" <i>Int. J. Biol. Macromol.</i> 25 :169-176.

Examiner	Date Considered
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



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OTHER DOCUMENTS (continued)

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| 20 | O.P. Hamill et al., 1981, "Improved patch-clamp techniques for high-resolution current recording from cells and cell-free membrane patches" <i>Pflügers Arch.</i> 391 :85-100. |
| 21 | E. Neher and A. Marty, 1982, "Discrete changes of cell membrane capacitance observed under conditions of enhanced secretion in bovine adrenal chromaffin cells" <i>Proc. Natl. Acad. Sci. USA</i> 79 :6712-6716. |
| 22 | J-L. Sui et al., 1999, "G protein gated potassium channels" <i>Advances Second Messenger Phosphoprot. Res.</i> 33 :179-201. |
| 23 | G.W. Zamponi and T.P. Snutch, 1998, "Modulation of voltage dependent calcium channels by G proteins" <i>Curr. Opin. Neurobiol.</i> 8 :351-356. |
| 24 | B. Sackmann and E. Neher, 1995, <i>Single Channel Recording, Second Edition</i> , Plenum Press, New York, NY, pp 1-51. |
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